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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Vincenzo Scarlato et al.**

Serial No.: **09/303,518**

Group Art Unit: **1631**

Filed: **April 30, 1999**

Examiner: **S. "Joe" Zhou, Ph.D**

For: **NEISSERIAL ANTIGENS**

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I, Mark J. Rosen, Registration No. 39,822 certify that this correspondence is being deposited with the U.S. Postal Service as First Class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

On July 26, 2001  
Mark J. Rosen  
Mark J. Rosen, Reg. No. 39,822

BOX SEQUENCE  
Assistant Commissioner  
for Patents,  
Washington, D.C. 20231

Dear Sir:

**AMENDMENT AND RESPONSE  
INCLUDING SEQUENCE LISTING**

This submission is filed in response to the Office Communication sent by facsimile on June 26, 2001, a copy of which is enclosed (paper no. 14). This Communication vacated the Office Communication mailed May 31, 2001 (paper no. 13), and provided one month in which to respond, therefore no extension of time is required. Paper No. 13 also contained a Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures, and Raw Sequence Listing Error Summary, to which the attached substitute sequence listing, in both printed and computer-readable forms, is a complete response. A copy of paper no. 13 is also included.